

70927
H.
P.H.O.

ASSISTANT COMMISSIONER FOR PATENTS
OF PATENT APPLICATION.
WASHINGTON, D.C. 20231

CASE FILE NO. YOR920000763US1
DATE: November 3, 2000

Express Mail Label Number:
EL480513492US
Date of Deposit: November 3, 2000

Transmitted herewith for filing is the Patent Application of:

Inventors: Charanjit Singh Jutla.

For: IMPROVED SYMMETRIC KEY AUTHENTICATED ENCRYPTION SCHEMES

Enclosed are:

X 12 Sheets of Drawings.

X An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

_____ A certified copy of a _____ application.

X Declaration and Power of Attorney is attached to the application.

____ Associate Power of Attorney.

Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 710.00
TOTAL CLAIMS	45 - 20 =	25	X \$ 18 =	\$ 450.00
INDEP CLAIMS	5 - 3 =	2	X \$ 80 =	\$ 160.00
____ MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$270 =	\$ 0.00
If the difference in Col. 1 is less than			TOTAL	\$ 1320.00

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

x Please charge my Deposit Account No. 09-0468 in the amount of \$1320.00.

x The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.

x Any additional filing fees required under 37 CFR 1.16.

x Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By Louis P. Herzberg
 Louis P. Herzberg
 Registration No.: 41,500
 Tel. (914) 945-2885

IBM CORPORATION
INTELLECTUAL PROPERTY LAW DEPT.
P.O. BOX 218
YORKTOWN HEIGHTS, NY 10598

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: C. S. Jutla

Docket No.: YOR920000763US1

Serial No.:

Group No.:

Filed: Herewith

Examiner:

For: IMPROVED SYMMETRIC KEY AUTHENTICATED ENCRYPTION SCHEMES

Assistant Commissioner for Patents

Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail Label Number EL480513492US

Date of Deposit November 3, 2000

I hereby certify that the attached paper or fee

Patent Application Transmittal Letter (original and one copy)

Patent Application

Declaration and Power of Attorney

Drawings

Recordation Form Cover Sheet

Assignment to IBM

Return Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Emily S. Forbes

(Name)

Emily S. Forbes

Signature

Note: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

Note: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail". Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.